

4 . (Amended) The binder composition according to claim 1, wherein the content of the polymer is in the range of 0.2 to 80% by weight based on the weight of the binder composition.

A1
Cont.
5 . (Amended) The binder composition according to claim 1, wherein the liquid dispersion medium is a dispersion medium having a boiling point of 80 to 350°C at normal pressure.

6 . (Amended) The binder composition according to claim 1, wherein the polymer has a gel content of 50 to 100% in an electrolyte solution and a gel content of 50 to 100% in the liquid dispersion medium.

7. (Amended) A slurry for an electrode for a lithium-ion secondary battery, characterized by comprising a binder composition as claimed in claim 1, and an active material.

A2
11. (Amended) A lithium-ion secondary battery, characterized in that one of a positive electrode and a negative electrode of the battery is an electrode as claimed in claim 9.